

Converting Colors

Hex(1CFF2C)

Have a look what the booklet for
Hex(1CFF2C) contains.

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Color

Hex(1CFF2C)

Conversions

Conversions Part 1

Format	Color
Hex	1CFF2C
RGB	28, 255, 44
RGB Percent	11%, 100%, 17%
CMY	0.8902, 0.0000, 0.8275
CMYK	0.89, 0.00, 0.83, 0.00
HSL	124°, 100%, 55%
HSV	124°, 89%, 100%
XYZ	36.6935, 71.9487, 14.3364
YIQ	163.0730, -67.5610, -113.7450

Conversions

Conversions Part 2

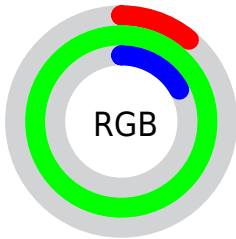
Format	Color
R _Y B	28, 240, 255
Decimal	1900332
CIE Lab	87.94, -83.96, 77.47
CIE LCh	88, 114.240, 137.304
Yxy	71.9487, 0.2984, 0.5851
Android (android.graphics.Color)	4280090412 (0xFF1CFF2C)
YUV	163.0730, -58.7030, -118.4590
Hunter-Lab	84.8226, -71.2220, 49.3548

Details

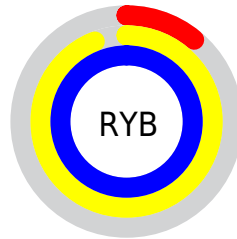
The Hex color **1CFF2C** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark washed green. A complement of this color would be **FF1CEF**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7CFF6D**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **03FF14**, and if you desaturate by 10%, it is **36FF44**.

Distribution



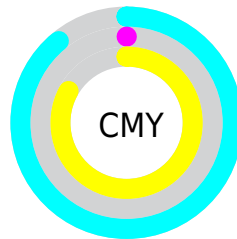
- Red (11%)
- Green (100%)
- Blue (17%)



- Red (11%)
- Yellow (94%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (83%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CFF2C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1CFF2C by changing the saturation by 10% instead.

 1CFF2C

 1CFF2C

FFFFFF

 00E100

 7CFF6D

 00C400

 9FFF8B

 00A800

 C0FFA8

 008C00

 E1FFC5

 007100

 FFFF E3

 005600

 003D00

 002300

 000000

 1CFF2C

 1CFF2C

 03FF14

 36FF44

 00FF12

 4FFF5B

 69FF73

 82FF8B

 9CFFA3

 B5FFBA

 CFFFD2

 E8FFEA

FFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CEEB00



1CFF2C



00FFA9

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1CFF2C



00F7FF



FF56A3

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1CFF2C



FF1CEF

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF5CFF



1CFF2C



2ED4FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1CFF2C



00FFFF



FF9DFF



FF9238

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1CFF2C



00FFF5



FF9DFF



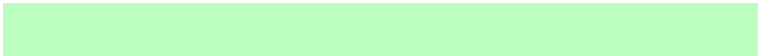
FF4CC7

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1CFF2C



BAFFBF



F0FF1C



57805A



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1CFF2C



00FF12



1CFF9D



738074



00BF0D



004004

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF1CEF



FF00ED



FF1C7E



80737F



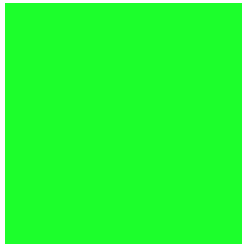
BF00B2



40003B

Previews

White Background



This preview shows how the Hex color 1CFF2C looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1CFF2C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

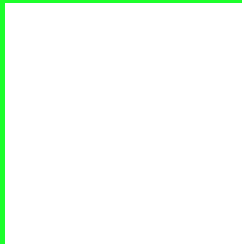
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1CFF2C Background



This preview shows how black text looks on a background with the Hex color 1CFF2C.

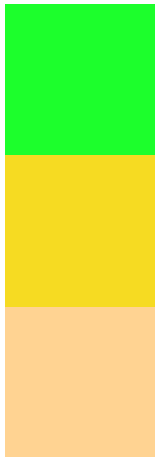


This preview shows how white text looks on a background with the Hex color 1CFF2C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
1CFF2C

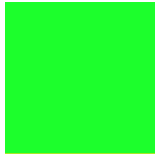
Protanopia
F6DB22

Deuteranopia
FFD392



Tritanopia
74EDFF

Trichromacy



Original Color
1CFF2C



Protanomaly
A7E826

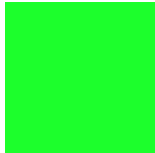


Deuteranomaly
ACE36D



Tritanomaly
54F4B2

Monochromacy



Original Color
1CFF2C



Achromatopsia
A3A3A3



Achromatomaly
72C478

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CFF2C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1CFF2C looks like.

```
.text, #text, p{  
    color:#1CFF2C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1CFF2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CFF2C
}
```

Border

The CSS property to change the border of an element to Hex 1CFF2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1CFF2C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1CFF2C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1CFF2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CFF2C; -webkit-box-shadow:4px 4px  
4px 4px #1CFF2C; box-shadow:4px 4px 4px  
4px #1CFF2C }
```

Background

The CSS property to change the background color of an element to Hex 1CFF2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CFF2C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1CFF2C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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